

**METHOD AND APPARATUS FOR ACCURATELY LOCATING A COMMUNICATION  
DEVICE IN A WIRELESS COMMUNICATION SYSTEM**

**ABSTRACT OF THE DISCLOSURE**

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10 A wireless communication system employs a method and  
apparatus for accurately locating a communication device in  
the system. The communication system includes a system  
infrastructure that provides communication services to  
communication devices distributed throughout the  
communication system. Either on its own or, more  
preferably, responsive to a request from a requesting device  
for an accurate location of a particular communication  
device, the system infrastructure determines an approximate  
15 geographic location of the communication device. Based on  
the approximate location, the infrastructure transmits a  
request to the communication device for a more accurate  
location of the device preferably together with a map of an  
area that includes the approximate location of the device.  
20 The communication device preferably displays at least the  
map to a user of the device and, responsive to user input,  
transmits the more accurate location of the device to the  
system infrastructure. After receiving the more accurate  
location, the system infrastructure conveys the location to  
25 a target device preferably identified in the original  
location request received by the infrastructure.

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